## WHAT IS CLAIMED IS:

1		1.	A method for compressing the representation of a
2	sequence o	of poi	nts in a space, the method comprising:
3		divid	ding a sequence of points into segments of successive
4	point	s;	
5		com	pressing each of the segments irrespective of the
6	comp	oressi	on applied to the other segments.
1		2.	The method of claim $oldsymbol{1}$ , wherein the step of dividing
2	comprises		
3		divid	ding a sequence of points into segments of S successive
4	point	s.	
1		3.	The method of claim $oldsymbol{1}$ , wherein before the step of
2	dividing, the	e follo	owing step is performed:
3		dete	ermining the value of S.
1		4.	The method of claim 3, wherein the step of determining
2	comprises		
3		gen	erating multiple compressions of the sequence, each of
4	the n	nultipl	le compressions at a different value of S.
Carre		5.	The method of claim 3, wherein the step of determining
2	comprises		
3		gen	erating a compression of the sequence for each value of S
4	from	a mir	nimum to a maximum.
1		6.	The method of claim 3, wherein the step of determining
2	comprises		

3		gen	erating a compression of the sequence for each value of S		
4	from a minimum of two (2) to a maximum equal to the number of				
5	points	s in th	e sequence.		
1		7.	The method of claim 3, wherein the step of determining		
2	comprises				
3		gene	erating multiple compressions of the sequence, each of		
4	the m	the multiple compressions at a different value of S; and			
5		dete	rmining the value of S to be the value of S generating the		
6	smalle	est of	the multiple compressions.		
1		8.	The method of claim $1$ , wherein the step of compressing		
2	comprises				
3		com	pressing each of the segments of S successive, i-bit points		
4	into se	egme	ents of j-bit points, where $j \le i$ .		
1		9.	The method of claim 8, wherein the value of j may vary		
2	from segme	nt to			
1		10.	The method of claim 8, wherein, for any given segment, j		
2	is the minim	Jm nı	umber of bits necessary to represent the data in that given		
3	segment.				
1,		11.	The method of claim 1, wherein the step of compressing		
2	comprises				
3		dete	rmining the largest coordinate in any dimension of any		
4	point i		egment;		
5		settin	g j for the segment to the ceiling of the base-2 log of that		
6	_		rdinate; and		
7		trunc	ating from points of the segment most significant bits		

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exceeding j bits.

1		12.	The method of claim 1, wherein the sequence of points		
2	is an electronic signature.				
1		13.	The method of claim 1, wherein the step of compressing		
2	comprises				
3		comp	oressing each of the segments without losing any of the		
4	data in any of the segments.				
1		14.	The method of claim 1, wherein the step of compressing		
2	comprises				
3		comp	pressing each of the segments, losing data as directed by		
4	an invo				
1	1	15.	The method of claim $1$ , wherein before the step of		
2	dividing the f	ollow	ving step is performed:		
3		conv	erting DrawTo data to relative-movement data.		
1	1	16.	A method for compressing an electronic signature, the		
2	method com	prisin	ıg:		
3	C	dividi	ng an electronic signature comprising a sequence of i-bit		
4	points into segments of successive points numbering S;				
5	compressing each of the segments into segments of j-bit points				
6	without losing any of the data in the signature by				
7			determining the largest coordinate in any		
8	dimension of any point in a segment;				
9	setting j for the segment to the ceiling of the base-				
10	2 log of that largest coordinate; and				

truncating from points of the segment most

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1	17. The method of claim <b>16</b> , wherein before the step of					
2	dividing, the following steps are performed:					
3	converting DrawTo data to relative-movement data;					
4	generating multiple compressions of the sequence, each of					
5	the multiple compressions at a different value of S; and					
6	determining the value of S to be the value of S generating the					
7	smallest of the multiple compressions.					
1	18. A data store wherein is located a computer program for					
2	compressing the representation of a sequence of points in a space by:					
3	dividing a sequence of points into segments of successive					
4	points;					
5	compressing each of the segments irrespective of the					
6	compression applied to the other segments.					
1	19. A data store wherein is located a computer program for					
2	compressing an electronic signature by:					
3	dividing an electronic signature comprising a sequence of i-bit					
4	points into segments of successive points numbering S;					
5	compressing each of the segments into segments of j-bit points					
6	without losing any of the data in the signature by					
7	determining the largest coordinate in any					
8	dimension of any point in a segment;					
9	setting j for the segment to the ceiling of the base-					
10	2 log of that largest coordinate; and					
11	truncating from points of the segment most					
12	significant bits exceeding j bits.					

1		20.	The data store of claim 19, wherein the computer				
2	program co	mpre	esses an electronic signature by, before the step of				
3	dividing:						
4		conv	verting DrawTo data to relative-movement data;				
5		gene	erating multiple compressions of the sequence, each of				
6	the m	multiple compressions at a different value of S; and					
7		determining the value of S to be the value of S generating the					
8	smalle	est of	the multiple compressions.				
1		21.	A compressor for compressing the representation of a				
2	sequence o	f poir	its in a space, comprising:				
3		the c	lata store of claim <b>18</b> ;				
4		a CP	U for executing the computer program in the data store;				
5	and						
6		a link	, communicatively coupling the data store and the CPU.				
1		<b>22</b> .	A compressor for compressing an electronic signature,				
2	comprising:						
3		the d	ata store of claim <b>19</b> ;				
4		a CPI	J for executing the computer program in the data store;				
5	and						
6		a link	communicatively coupling the data store and the CPU.				
7							
8							
9							
10							